

## REASONABLE POTENTIAL ANALYSIS FOR OCEAN PLAN TABLE B

### EFFLUENT LIMITS INCLUDED FOR:

Acrylonitrile:	Monomer found in acrylic fibers, fabrics, and finishes. No recent monitoring data exists for this effluent.
Ammonia:	Found in effluent at concentrations approximating the effluent limit required to meet 6-month median water quality objectives.
Arsenic:	Natural element present in soils. Detection limit for recent analysis of effluent approximates the effluent limit required to meet 6-month median water quality objectives.
Benzene:	A common solvent and constituent of gasoline. Used in quantities sufficient to cause reasonable potential to exceed effluent limitations required to meet water quality objectives.
Beryllium:	A metal naturally present in soils. Detection limit for recent analysis of effluent exceeds the effluent limit required to meet 6-month median water quality objectives.
Cadmium:	A metal commonly used to plate nuts and bolts, and also found with zinc in galvanized pipe. Detection limit for recent analysis of effluent approximates the effluent limit required to meet 6-month median water quality objectives.
Chlorine:	A disinfectant used at the cooling water loop to prevent fouling growths in the cooling tower. Historically detected in effluent at 30 times 6-month median effluent limit.
Chloroform:	Possible product of chlorination in cooling tower. No recent monitoring data exists for this effluent.
Chromium (hexavalent):	Compounds containing this form of the metal are commonly used for metal plating, corrosion inhibition, and biocides. No recent monitoring data exists for this effluent.
Copper:	A metal commonly used as tubing for water pipes and alloy for brass plumbing fixtures. Recently detected in effluent at values approximating effluent limits required for 6-month median water quality objectives.
Cyanide:	Recently detected in effluent at concentrations exceeding 6-month median water quality objectives.
1,3-dichloropropene:	No recent monitoring data exists for this effluent.

1,2-diphenylhydrazine:	Potentially present in boiler feedwater chemical treatment. No recent monitoring data exists for this effluent.
Fluoranthene:	A compound produced during combustion of wood and possibly present in scrubber waste streams.
Halomethanes:	Possible product of chlorination in cooling tower.
Lead:	A metal commonly found in pipes and solder fittings with copper tubing. Detection limit for recent analysis of effluent approximates the effluent limit required to meet 6-month median water quality objectives.
Mercury:	A metal used in thermometers. Detection limit for recent analysis of effluent exceeds the effluent limit required to meet 6-month median water quality objectives.
Nickel:	A metal commonly used for alloys and plating plumbing fixtures. Detection limit for recent analysis of effluent approximates the effluent limit required to meet 6-month median water quality objectives.
N-nitrosodimethylamine:	Potentially present in boiler feedwater chemical treatment. No recent monitoring data exists for this effluent.
N-nitrosodiphenylamine:	Potentially present in boiler feedwater chemical treatment. No recent monitoring data exists for this effluent.
PAHs:	These compounds are produced during combustion of wood and possibly present in scrubber waste streams.
PCBs:	These compounds were widely used in hydraulic fluid and electrical transformers during the middle 20th century. Residues may be present in the vicinity of the power plant.
phenolic compounds:	These compounds are produced during combustion of wood and possibly present in scrubber waste streams.
Selenium:	An element naturally present in soil and used as a stabilizer in lubricants. Detection limit for recent analysis of effluent approximates the effluent limit required to meet 6-month median water quality objectives.
Silver:	A metal used in high temperature solder. Detection limit for recent analysis of effluent approximates the effluent limit required to meet 6-month median water quality objectives.
TCDD equivalents:	These compounds have been detected in power plant ash and may be present in scrubber waste streams.

Thallium:	A metal naturally present in soils. Detection limit for recent analysis of effluent approximates the effluent limit required to meet 6-month median water quality objectives.
vinyl chloride:	Monomer from which PVC piping is manufactured. No recent monitoring data exists for this effluent.
Zinc:	A metal commonly used for galvanizing pipe. Recently detected in effluent at values approximating effluent limits required for 6-month median water quality objectives.

### **NO REASONABLE POTENTIAL TO EXCEED WATER QUALITY OBJECTIVES**

Acrolein:	An herbicide used in organic drug lab synthesis. No use of material on site and not detected in effluent.
Aldrin:	A formerly common pesticide. No use of material on site and not detected in effluent.
Antimony:	Not detected in effluent at 0.6 percent of limit to meet 30-day average water quality objective.
Benzidine:	Used in dyes for cotton clothing. No use of material on site and not detected in effluent.
bis(2-chlorethoxy)methane:	No use of material on site and not detected in effluent.
bis(2-chloroethyl)ether:	No use of material on site and not detected in effluent.
bis(2-chloroisopropyl)ether:	No use of material on site and not detected in effluent.
bis(2-ethylhexyl)phthalate:	No use of material on site and not detected in effluent.
Carbon tetrachloride:	A common solvent and dry-cleaning agent. No use of material on site and not detected in effluent.
Chlordane:	A termite control agent common in older homes. No use of material on site and not detected in effluent.
Chlorinated phenolics:	A commonly used wood preservative. No use of material on site and not detected in effluent.
Chlorobenzene:	No use of material on site and not detected in effluent.
Chromium:	Not detected in effluent at 0.0004 percent of limit to meet 30-day average water quality objective.

DDT:	A formerly widely used insecticide. No use of material on site and not detected in effluent.
Dichlorobenzenes:	No use of material on site and not detected in effluent.
1,4-dichlorobenzene:	No use of material on site and not detected in effluent.
3,3'-dichlorobenzidine:	No use of material on site and not detected in effluent.
1,2-dichloroethane:	No use of material on site and not detected in effluent.
1,1-dichloroethylene:	No use of material on site and not detected in effluent.
Dichloromethane:	No use of material on site and not detected in effluent.
Dieldrin:	A formerly common pesticide used to moth-proof carpets, drapes, and furniture coverings. No use of material on site and not detected in effluent.
Diethyl phthalate:	Not detected in effluent at less than 1 percent of limit to meet 30-day average water quality objective.
Dimethyl Phthalate:	Not detected in effluent at less than 1 percent of limit to meet 30-day average water quality objective.
di-n-butyl phthalate:	Not detected in effluent at less than 1 percent of limit to meet 30-day average water quality objective.
4,6-dinitro-2-methylphenol:	No use of material on site and not detected in effluent.
2,4-dinitrophenol:	No use of material on site and not detected in effluent.
2,4-dinitrotoluene:	No use of material on site and not detected in effluent.
Endosulfan:	A widely used pesticide. No use of material on site and not detected in effluent.
Endrin:	A pesticide. No use of material on site and not detected in effluent.
Ethylbenzene:	Not detected in effluent at less than 1 percent of limit to meet 30-day average water quality objective.
HCH:	An insecticide commonly used in lice-control shampoos. No use of material on site and not detected in effluent.

Heptachlor:	An insecticide. No use of material on site and not detected in effluent.
Hexachlorobenzene:	A fungicide. No use of material on site and not detected in effluent.
Hexachlorobutadiene:	No use of material on site and not detected in effluent.
Hexachlorocyclopentadiene:	No use of material on site and not detected in effluent.
Hexachloroethane:	No use of material on site and not detected in effluent.
Isophorone:	No use of material on site and not detected in effluent.
Nitrobenzene:	A commonly used bore-cleaning agent. No use of material on site and not detected in effluent.
1,1,2,2-tetrachloroethane:	No use of material on site and not detected in effluent.
Tetrachloroethylene:	No use of material on site and not detected in effluent.
Toluene:	Not detected in effluent at less than 1 percent of limit to meet 30-day average water quality objective.
Toxaphene:	An insecticide. No use of material on site and not detected in effluent.
Tributyltin:	A biocide used in toilet and carpet cleaning formulations. No use of material on site and not detected in effluent.
1,1,1-trichloroethane:	No use of material on site and not detected in effluent.
1,1,2-trichloroethane:	No use of material on site and not detected in effluent.
Trichloroethylene:	No use of material on site and not detected in effluent.
2,4,6-trichlorophenol:	An herbicide and fungicide. No use of material on site and not detected in effluent.